STATEMENT UNDER OATH

ΟF

DOCTOR ROBERT BLAKE

Taken pursuant to Notice by Miranda

D. Elkins, a Court Reporter and

Notary Public in and for the State of

West Virginia, at the U.S. Bankruptcy

Court, 324 West Main Street,

Clarksburg, West Virginia, on Monday,

March 27, 2006, at 8:54 a.m.

Any reproduction of this transcript is prohibited without authorization by the certifying agency.

2 A P P E A R A N C E S 1 2 DENNIS J. SWENTOSKY 3 4 Supv. MS&H Specialist (Ventilation) 5 U.S. Department of Labor 6 Mine Safety & Health Administration 7 CMS&H, District 2 Paintersville Road 9 R.R. #1, Box 736 10 Hunker, PA 15639 11 12 DAVID STUART 13 1507 Stonehenge Road 14 Charleston, WV 25214 15 MICHAEL RUTLEDGE 16 17 Safety Director 18 State of West Virginia 19 Office of Miners' Health, Safety & 20 Training 21 142 Industrial Drive Oak Hill, WV 25901 22 23 24 25

					4
1	I N D E X				
2					
3	INTRODUCTION	5	-	1 4	
4	WITNESS: DOCTOR ROBERT BLAKE				
5	QUESTIONS				
6	By Mr. Swentosky 1	. 4	-	5 7	
7	By Mr. Rutledge 5	8 8	-	6 5	
8	By Mr. Swentosky	5 6	-	6 8	
9	By Mr. Rutledge	8	-	7 2	
10	By Attorney Wilson 7	7 2	-	7 5	
11	BY Mr. Rutledge 7	7 5	-	7 6	
12	CONCLUDING REMARKS 7	7 7	-	7 9	
13	CERTIFICATE			8 0	
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

			5
1		EXHIBIT PAGE	
2			PAGE
3	NUMBER	DESCRIPTION	IDENTIFIED
4			
5		NONE OFFERED	
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

P R O C E E D I N G S

1

3

4

5

6

8

9

10

11

12

13

14

15

16

17

18

19

2.0

21

22

23

24

25

2

MR. SWENTOSKY:

My name is Dennis Swentosky. I'm an accident investigator with the Mine Safety and Health Administration, an agency of the United States Department of Labor. With me is Bob Wilson, from the Solicitor's Office, and Mike Rutledge and Dave Stuart, with the West Virginia Office of Miners' Health, Safety & Training. I've been assigned to conduct an investigation into the accident that occurred at the Sago Mine on January 2nd, 2006, in which 12 miners died and one was injured.

The investigation is being conducted by MSHA and the West Virginia Office of Miners' Health, Safety &

Training to gather information to determine the cause of the accident, and these interviews are an important part of the investigation.

1

2.

3

4

5

6 At this time, the accident investigation team intends to interview a number 8 9 of people to discuss anything 10 that may be relevant to the 11 cause of the accident. After 12 the investigation is 13 completed, MSHA will issue a 14 written report detailing the 15 nature and causes of accident. MSHA accident 16 reports are made available to 17 18 the public in the hope that 19 greater awareness about the 2.0 causes of accidents can reduce their occurrence in the 21 22 future. Information obtained 23 through witness interviews is 24 frequently included in these 25 reports. Your statement may

also be used in other 1 2. enforcement proceedings. 3 I would like to thank you in advance for your 4 5 appearance here today. Wе 6 appreciate your assistance in this investigation. willingness of anyone with 8 information to work with us is 9 critical to our goal in making 10 11 the nation's miner safer. understand the difficulty for 12 13 you in discussing the events 14 that took place, and we 15 greatly appreciate your 16 efforts to help us understand 17 what happened. This interview with 18 19 Doctor Blake is being 2.0 conducted under Section 103(a) 21 of the Federal Mine Safety and 22 Health Act of 1977 as part of 23 an investigation by the Mine 24 Safety & Health Administration 25 and the West Virginia Office

1	of Miners' Health, Safety &
2	Training into the conditions,
3	events and circumstances
4	surrounding the fatalities
5	that occurred at the Sago
6	Mine, owned by International
7	Coal Group in Buckhannon, West
8	Virginia, on January 2nd,
9	2006.

This interview is being conducted at the U.S.

Bankruptcy Court in

Clarksburg, West Virginia, on

March 27th, 2006. Questioning will be conducted by representatives of MSHA and the Office of Miners' Health, Safety & Training.

Doctor Blake, this
interview will begin by my
asking you a series of
questions. If you do not
understand a question, please
ask me to rephrase it. Feel
free at any time to clarify

any statements that you make in response to the questions. After we have finished asking questions, you will also have an opportunity to make a statement and provide us with any information that you Ιf at any time after the interview you recall any additional information that the investigation, please contact Richard Gates at the phone number and e-mail address provided to you.

just let me know.

1

2.

3

The court reporter will record your interview and will later produce a written transcript of the interview.

Please try and respond to all questions verbally since the court reporter cannot record nonverbal responses. Also, please try to keep your voice up. Copies of the written transcripts will be made available at a later date.

If any part of your statement is based not on your own firsthand knowledge but on information that you learned from someone else, please let us know. Please answer each question as fully as you can, including any information you have learned from someone else. We may not ask the right questions to learn the information that you have, so do not feel limited by the

precise question. If you have information about the subject of the question, please provide us with that information.

At this time, Mr.

Rutledge, do you have anything that you would like to add on behalf of the Office of Miners' Health, Safety & Training?

MR. RUTLEDGE:

Doctor Blake, I have a little statement here that just says that the West Virginia Office of Miners' Health, Safety & Training is conducting this interview session jointly with MSHA and is in agreement with the procedures outlined by Mr. Swentosky for the interviews that will be conducted here today. However, the Director of the Office of Miners'

22

23

24

25

1

2.

3

4

5

6

	13
1	Health, Safety & Training
2	reserves the right, if
3	necessary, to call or subpoena
4	witnesses or to require the
5	production of any record,
6	document, photograph or any
7	other relevant materials
8	necessary to conduct this
9	investigation. We appreciate
10	you being here. We thank you
11	for taking the time to come
12	down. If you have any
13	questions concerning the
14	State's part of this, you can
15	contact Mr. Mills at that
16	address.
17	MR. SWENTOSKY:
18	Doctor Blake, are you
19	aware that you may have a
20	personal representative
21	present when you're taking
22	this statement?
23	DOCTOR BLAKE:
24	Yes.
25	MR. SWENTOSKY:

	14
1	And do you have a
2	representative with you today?
3	DOCTOR BLAKE:
4	No.
5	MR. SWENTOSKY:
6	Do you have any
7	questions regarding the manner
8	in which the interview will be
9	conducted at this point?
10	DOCTOR BLAKE:
11	No.
12	MR. SWENTOSKY:
13	Thank you. And could
14	you swear in Doctor Blake,
15	please?
16	
17	DOCTOR ROBERT BLAKE, HAVING FIRST
18	BEEN DULY SWORN, TESTIFIED AS
19	FOLLOWS:
20	
21	BY MR. SWENTOSKY:
22	Q. Could you give us your full
23	name, and spell your last name for
24	us, Doctor Blake?
25	A. Robert Eugene Blake,

- 1 B-L-A-K-E.
- 2 Q. And can we have your address
- 3 and telephone number, please?
- 4 A. 100 Hickory Street,
- 5 Buckhannon, West Virginia, 472-4831,
- 6 of course 304.
- 7 Q. And are you appearing here
- 8 today voluntarily?
- 9 A. Yes.
- 10 Q. Could you give us a
- 11 description of your educational
- 12 history, please?
- 13 A. I attended public school in
- 14 | Harrison County. I attended the
- 15 United States Military Academy. Went
- 16 to Alderson-Broaddus College.
- 17 | Received my undergrad degree to
- 18 | complete that. Went to West Virginia
- 19 University Hospital for medical
- 20 | school. Residency in Emergency
- 21 | Medicine. Training in United States
- 22 | Army. And now I'm at Buckhannon.
- 23 Q. And your medical background?
- 24 A. Residency in Emergency
- 25 | Medicine after medical school.

- 1 Q. What certification and
- 2 | licenses do you hold?
- 3 A. I have a West Virginia Board
- 4 of Medicine license. I'm also Board
- 5 | Certified in Emergency Medicine.
- 6 Q. And do you have a specialty
- 7 | that you practice?
- 8 A. Emergency Medicine is my
- 9 specialty.
- 10 Q. Okay. Thank you. And you're
- 11 | currently employed at ---?
- 12 A. St. Joseph Hospital in
- Buckhannon.
- 14 Q. And what is your present
- 15 position there?
- 16 A. I'm the medical director of
- 17 | the emergency department.
- 18 Q. And how long have you held
- 19 that position?
- 20 A. Three years.
- 21 | Q. And could you just briefly
- 22 describe your general job duties in
- 23 that position?
- 24 | A. Medical direct --- I oversee
- 25 | all physicians that work within the

1 | emergency department, also patient

2 | flow issues, nursing issues, hospital

3 | issues relating to emergency care

4 within our hospital.

8

5 Q. And just starting at the

6 beginning, could you describe in

7 detail your involvement with the Sago

Mine accident? Just kind of start

9 with it and go through it.

10 A. The morning of the explosion,

11 I was notified by our hospital that

12 an incident had occurred. I went to

13 | the hospital immediately. We

14 | arranged our trauma teams to prepare

15 | for what may come. So we fell into

16 our positions. Nothing happened for

17 | a few hours, so I dismissed --- we

18 | went to a stand down position and

19 | waited for any further notice. Hours

20 | went by, of course. Later, we had

21 received some phone calls that some

22 | family members had not been taking

23 | medications and would not leave the

24 | site, so we had sent some nurses

25 down. Through the CO, we okayed

that, so we sent some nurses down to provide some medical care to family members.

1

2.

3

4

5

6

8

9

10

11

12

13

14

15

16

17

18

19

2.0

21

22

23

24

25

After that, they got contact with us, and they did not have medications at the site, such as insulin and some pain medications and blood pressure medications. Through the CEO of the hospital and the pharmacy director, I went down to the mine to evaluate some of the patients to make sure it was legal we can give them medications and make sure that they actually needed what they needed. That was a few hours prior to the notification that the miners had been found. So I was on site at that time seeing patients and administering some medications at the time. We also had some nurses bring us some extra medications when the notification that the miners had been found. Because we were working with EMS as well, the truck that went into the mine site, we were on that, two

of my nurses and myself.

2.

2.0

We went on into the mine site.

Fell onto the triage tent that had been set up previously. Now, who set that up, I don't know. But it was a nice tent and had cots and some limited supplies. We pulled oxygen off of all the ambulances that we could get to make all 12 beds have oxygen and everything we needed.

I'm not sure who it was, asked us if we would be willing to go into the mine. And one of my nurses agreed to go with me, and we had a couple paramedics that wanted --- that could go. They gave us a brief safety --- how to use the safety equipment that the miners used and gave us a brief outview of what was going to happen and how they were going to get us in the mine, and that's when we went in.

On our way in, we ran into the man car bringing out Randal McCloy.

I did a very quick inspection of him.

1 We were close to the surface. I told

- 2 him to send him on out because we
- 3 | were going on in. More further in
- 4 | the mine, I was told a mile and a
- 5 half, when we ran into the second
- 6 group on the man car, bringing out
- 7 | the rescuers. And that's when we
- 8 found out that no one had been found
- 9 alive other than Randal. And we
- 10 exited the mine.
- 11 Q. Okay. Thank you. And maybe
- 12 | if I can go back, and we'll just kind
- 13 of start over again. I'll just fill
- 14 in my blanks.
- 15 A. Sure.
- 16 Q. And you said that you were
- 17 | notified of the accident by who?
- 18 A. One of my nurses in the
- 19 | emergency department.
- 20 Q. Do you know who that was?
- 21 A. I believe it was Pam Oats,
- 22 R.N.
- 23 Q. And do you know approximately
- 24 | what time that was?
- 25 A. Approximately 8:00 in the

- 1 morning.
- 2 Q. Okay. And you had mentioned
- 3 that you had spoke to someone, and
- 4 you named him as a CO or ---?
- 5 A. CEO of our hospital.
- 6 Q. CEO?
- 7 A. CEO, yes.
- 8 Q. I'm sorry. Okay. And you
- 9 | notified --- and what was his
- 10 | notification to you?
- 11 A. I called him, he's of course
- 12 | in charge of the hospital, to verify
- 13 what was going on and what my plans
- 14 | were to get the hospital ready, just
- 15 to make sure he was aware of what was
- 16 qoing on.
- 17 | Q. And at what time --- what time
- 18 | was it that you went to the hospital?
- 19 A. About 8:15.
- 20 Q. Excuse me. I meant to the
- 21 mine.
- 22 A. To the mine?
- 23 Q. Yes.
- 24 A. That was the day that the
- 25 | miners were found?

- 1 Q. Yes.
- 2 A. I did not go on site on the
- 3 | mine until then.
- 4 Q. So that was on January 3rd
- 5 | that you actually ---
- 6 A. I believe.
- $7 \mid Q$. --- went to the mine? Okay.
- 8 And approximately what time was that?
- 9 A. I'm unsure. It was dark, so
- 10 | it was six, seven o'clock maybe.
- 11 Q. And you had received word that
- 12 some of the people at the church were
- 13 | not going home. And kind of describe
- 14 | that again just a little bit.
- 15 A. We had nurses down there the
- 16 | day prior to that, several hours
- 17 | before that. And they had taken it
- 18 upon themselves to go down and check
- 19 people. And they said that they
- 20 | weren't getting medications. Now,
- 21 | what time that was, I'm not sure.
- 22 But that's when we decided we needed
- 23 to do something.
- 24 Q. Okay. And what time did you
- 25 go to the church?

1 A. Again, that was that evening,

- 2 so it was dark.
- 3 Q. Dark?
- 4 A. 1900 hours.
- 5 Q. Okay. And you went actually
- 6 to the church? That's the first
- 7 | place that you went to?
- 8 A. Yes.
- 9 Q. Okay. And at that point
- 10 | there, then you administered some
- 11 | medical treatment to some of the
- 12 people?
- 13 A. Brief medical treatment.
- 14 | Mostly talking with my nurses, seeing
- 15 who needed to be seen and basically
- 16 discussing what medications they
- 17 needed and why.
- 18 Q. Okay. Do you know
- 19 approximately what time it was
- 20 whenever there was word to the church
- 21 that miners were --- there were some
- 22 | miners alive? Do you have any idea?
- 23 A. I didn't look at my watch, no.
- 24 Q. Okay. And then you said you
- 25 got in an ambulance and went to the

- 1 | mine from the church?
- 2 A. Yes.
- 3 Q. And yourself and you had, you
- 4 | mentioned, some nurses?
- 5 A. I had two nurses, Amanda
- 6 Jones, who is an R.N., and Linda
- 7 Smith, R.N.
- 8 Q. Okay. So you got into the
- 9 ambulance and then you went over to
- 10 the mine?
- 11 A. Yes.
- 12 Q. And who did you --- do you
- 13 recall who spoke to when you got to
- 14 | the mine first, the first person you
- 15 spoke to?
- 16 A. No, I do not. It was an
- 17 | individual that had set up part of
- 18 | the triage tent.
- 19 Q. And where was that triage tent
- 20 set up; do you recall?
- 21 A. Right outside the large
- 22 | building that we got dressed in to go
- 23 | into the mine. The wash house? I
- 24 assume that's what it was.
- Q. So it was right outside that?

- 1 A. Yes.
- 2 Q. And the person that you spoke
- 3 | to, do you know if it was a company
- 4 person or ---?
- 5 A. No. This was a gentleman from
- 6 | the State, I believe. He had a
- 7 | yellow jacket on, Emergency Services,
- 8 who set up that tent. That's where
- 9 he ---.
- 10 Q. And that's the person you
- 11 spoke to?
- 12 A. Yeah.
- 13 Q. Okay. And what did they tell
- 14 you?
- 15 \mid A. They told me that they had the
- 16 | medical equipment inside here and a
- 17 | place to treat the patients and that
- 18 I could use whatever I needed in
- 19 there and to let him know if I needed
- 20 anything else that wasn't in there.
- 21 Q. And what happened next? Did
- 22 | you just wait around a while or ---?
- 23 A. We continued to set up. I
- 24 | noticed that we didn't have really
- 25 | enough oxygen. I also noticed that

1 | the tent wasn't warm enough, so I

- 2 | requested that we actually get some
- 3 kind of heating device in there. And
- 4 they had some heating device, but it
- 5 | wasn't adequate. And that --- we
- 6 were trying to warm fluids. We did
- 7 have some fluids. Most likely, the
- 8 miners would be dehydrated, so ---
- 9 and that's --- so we were warming
- 10 | fluids, carrying them on our persons,
- 11 getting them in the ambulances, yeah.
- 12 Q. And what type --- you say you
- 13 | did get more heat?
- 14 A. No. I don't believe any more
- 15 heat came.
- 16 O. No?
- 17 A. No, sir.
- 18 Q. Okay. And while on the
- 19 | surface, did you --- at the mine, did
- 20 | you have an opportunity to treat
- 21 anyone there?
- 22 A. No.
- Q. No one needed any medical
- 24 | treatment at all?
- 25 A. No.

1 Q. Okay. Then do you remember

- 2 | what time it was the first time that
- 3 someone asked you to go --- that it
- 4 may be necessary to go underground?
- 5 | Did they ask you or did you volunteer
- 6 to do that?
- 7 A. They asked us.
- 8 Q. And do you know who that was
- 9 that asked you that?
- 10 A. No, sir, I do not.
- 11 Q. Do you remember what time that
- 12 was, approximately?
- 13 A. No, sir.
- 14 Q. Okay. And do you recall
- 15 | whether it was federal, state or was
- 16 | it company personnel? Do you
- 17 remember that at all?
- 18 A. I believe it was state
- 19 personnel. And again, I don't
- 20 remember his name. I saw his picture
- 21 | in the paper after the incident and I
- 22 | remember it was a tall individual who
- 23 asked me to go.
- 24 Q. Okay. And what did they ---
- 25 | just relate to me a little bit what

1 they said to you during that

- 2 conversation to go underground.
- 3 A. If I can assemble a team ---
- 4 if I would be willing to go in and if
- 5 I could assemble a team that would be
- 6 | willing to go in to meet the miners,
- 7 | to treat them in the mine.
- 8 Q. And at that time, what did you
- 9 hear or what --- did you know how
- 10 | many people there possibly would be,
- 11 or did they say anything about how
- 12 many possible people there would be?
- 13 A. Twelve (12). And I also asked
- 14 | the extent of their injuries, and
- 15 | they weren't sure at that time.
- 16 Q. So they said there was 12
- 17 | people ---
- 18 A. Twelve (12).
- 19 Q. --- that you would need to be
- 20 treating?
- 21 A. Uh-huh (yes).
- 22 Q. And you mentioned then that
- 23 you were given some training?
- 24 A. Yes.
- 25 Q. And can you kind of relate to

1 | me a little bit of what extent that

- 2 training was?
- 3 A. It was rather brief. We were
- 4 outfitted with boots, helmets and the
- 5 side rescue breathing apparatus.
- 6 They did not --- the gentleman didn't
- 7 | say --- he said he did not have a
- 8 demonstrating cannister to show us,
- 9 but basically to pop it open and how
- 10 to use it, so --- which probably
- 11 | lasted about two minutes. I mean, it
- 12 was not --- it was very short.
- 13 Q. Do you know who that
- 14 | individual was?
- 15 A. It was just one of the miners
- 16 | in the room, an individual --- it was
- 17 | a lady, actually, who was --- who had
- 18 | brought us into that room, just
- 19 grabbed one of them and said, show
- 20 them how to use the rescue apparatus.
- $21 \mid Q$. That room, would that have
- 22 been ---?
- 23 A. The wash house.
- Q. Oh, the wash house?
- 25 A. There were baskets above our

- 1 head and ---.
- 2 Q. That's a good indication of
- 3 what it was. Okay. And in that
- 4 training, a few minutes, and then
- 5 | what happened?
- 6 A. We assembled, walked towards
- 7 | the, I guess, port, the opening
- 8 towards the mine. An individual
- 9 handed us batteries with lamps to
- 10 hook onto our helmets and strapped
- 11 | that onto those belts. We then
- 12 | walked down to the opening of the
- 13 mine. There were two mancars there,
- 14 I'm pretty sure.
- 15 Q. Just one second. It was
- 16 | yourself and a nurse?
- 17 A. A nurse --- one of my nurses
- 18 | elected to stay back. And I had a
- 19 paramedic, two EMTs ---.
- 20 Q. Do you know their names?
- 21 A. The nurse was Amanda Jones.
- 22 | The paramedic, his last name was
- 23 | Hart, and his wife.
- 24 Q. And she's a nurse?
- 25 A. She's an EMT, I believe. And

1 | the other EMT, I do not know his

- 2 name. And he was a miner prior and
- 3 he had some experience and went in
- 4 | with us. And actually I forgot
- 5 someone else. I'm sorry. There was
- 6 also an R.N. from Webster County that
- 7 | was there. So actually I had two
- 8 nurses. Two nurses, a paramedic and
- 9 two EMTs.
- 10 Q. Those were the people that
- 11 actually went underground with you?
- 12 A. Yes, part of my team. Yeah.
- 13 Q. To go underground. Okay. All
- 14 right. Go ahead.
- 15 A. We went down to the opening of
- 16 the mine. And the first car with the
- 17 rescuers on it, there was only a slot
- 18 for one person, so that's the car I
- 19 got on and we entered the mine. The
- 20 rest of my team, with the equipment,
- 21 | was to follow behind.
- 22 Q. And do you know approximately
- 23 what time that was?
- 24 A. No, sir.
- 25 Q. Prior to going under, did you

1 receive any further instructions from

- 2 anyone? I mean, you went down to the
- 3 | pit and, you know, you got in the
- 4 mantrip. But just prior to that, did
- 5 | anyone give you any additional
- 6 instruction or anything like that?
- 7 A. No, sir, other than how to use
- 8 | the light, that was it.
- 9 Q. And so you were in the first
- 10 bus ---
- 11 A. Yes.
- 12 Q. --- or mantrip car? And there
- 13 was other rescuers in there, right,
- 14 | mine rescue team members that you
- 15 ---?
- 16 A. Yes. They were riding on the
- 17 | front of the car, the bus.
- 18 Q. And you rode in the outby or
- 19 | the outside --- toward the surface
- 20 end of the bus?
- 21 A. I rode in very close proximity
- 22 to the driver of that bus. So
- 23 whatever --- it was a jumpseat.
- 24 Q. So you didn't have any cover
- 25 | over you, you just ---

- 1 A. No.
- Q. --- rode beside ---? And then
- 3 | the other part of your team rode the
- 4 bus behind you?
- 5 A. Correct.
- 6 Q. And did you travel together,
- 7 | meaning in close proximity?
- 8 A. No.
- 9 Q. You left first?
- 10 A. Yes.
- 11 Q. And you don't know how long
- 12 before the other bus started in?
- 13 A. Approximately about 15
- 14 minutes.
- 15 Q. And so as you traveled
- 16 underground, did you stop anywhere?
- 17 A. Yes, sir.
- 18 Q. And where do you recall ---?
- 19 A. The bus derailed.
- 20 Q. Okay.
- 21 A. When we were heading in, it
- 22 went off track.
- Q. Was that shortly after you
- 24 | started in or ---?
- 25 A. We had went through some

- 1 | airlocks ---
- 2 Q. Okay.
- 3 A. --- and we weren't too far
- 4 past the last set of airlocks. It
- 5 | was in kind of a turn, a left-hand
- 6 turn, I believe.
- 7 Q. So you went off track?
- 8 A. Yes, sir. I didn't.
- 9 Q. All right. That's fair. And
- 10 | obviously, you got it back on track?
- 11 A. Yes, they did.
- 12 Q. Got it back on track.
- 13 A. Yes.
- 14 Q. Okay. And then take it from
- 15 there.
- 16 A. While we were getting back on
- 17 | track, that's when the second set of
- 18 | crew came in.
- 19 Q. And they caught up to you?
- 20 A. Caught up to us. So from then
- 21 on we were together.
- 22 Q. And you got back on track and
- 23 | then you continued in ---?
- 24 A. Continued on in. On our way
- 25 | in, we saw lights coming out, another

- 1 bus coming towards us.
- Q. Yes.
- 3 A. That bus came forward and
- 4 backed onto another track so we could
- 5 continue on through.
- 6 Q. Okay. We call that switching
- 7 out.
- 8 A. Switching out, okay. As we
- 9 pulled up, rescuers from my bus
- 10 | yelled over to that bus and said,
- 11 | where are people? And he goes, we
- 12 have one. We need medical, is what
- 13 he said.
- 14 Q. When you got to that
- 15 | switch-out, ---
- 16 A. Yeah.
- 17 Q. --- did you actually stop and
- 18 | wait for the bus to switch out?
- 19 A. Yes.
- 20 Q. And at that time, was there
- 21 | any conversation, right at that time?
- 22 A. There was, but I can't recall
- 23 what was said.
- 24 Q. So you waited a moment or so?
- 25 A. A moment at best, 30 seconds.

1 Q. For the other --- the bus that

- 2 was on the way out, it pulled back
- 3 into the switch?
- 4 A. Yes.
- 5 Q. And once it was in the switch,
- 6 | did you pull forward at all?
- 7 A. We pulled forward. And we
- 8 even came up even with it.
- 9 Q. Okay.
- 10 A. Then conversation, and then
- 11 they said that they needed medical.
- 12 Q. And who asked for --- do you
- 13 recall --- kind of like if you could,
- 14 as specifically as you can, take me
- 15 through that conversation.
- 16 A. The exact words, I'm not sure.
- 17 | O. I understand.
- 18 A. Our bus yelled over something
- 19 towards the bus that went into the
- 20 switch.
- 21 Q. Okay.
- 22 A. And that switch said, we need
- 23 medical. They had a miner ---
- 24 assuming that they had a miner.
- Q. Yes. Someone from that ---

- 1 from McCloy's bus ---
- 2 A. Correct.
- 3 Q. --- yelled out that we need
- 4 help?
- 5 A. Yeah. Correct.
- 6 Q. And go ahead.
- 7 A. So our bus stopped, of course.
- 8 It was at a stop at that point. I
- 9 jumped out, went over and found him
- 10 on an aluminum, old-time EMS
- 11 stretcher, ---
- 12 Q. Okay.
- 13 A. --- sitting in a cage, per se,
- 14 on the front of that bus. There was
- 15 two individuals in that cage with
- 16 him. One had a mask on him, to help
- 17 | to provide air, and another
- 18 | individual was down near his feet.
- 19 Q. Were his feet toward the
- 20 outside of the bus, meaning the
- 21 | opening where people go in and out?
- 22 A. If you look straight at the
- 23 bus, ---
- 24 Q. Okay.
- $25 \mid A$. --- his head was to the left

- 1 and his feet were to the right.
- Q. So the feet and ---?
- 3 A. I could get into his feet
- 4 easier than I could to his head.
- 5 Does that help you?
- 6 Q. Yes.
- 7 A. Okay.
- 8 Q. Okay. So when you first went
- 9 over, where were you? Kind of
- 10 describe ---.
- 11 A. I was at his feet.
- 12 Q. His feet?
- 13 A. Yeah. That was the individual
- 14 | who said that they needed medical.
- 15 That's the individual who said that.
- 16 | And I went towards him.
- 17 Q. So you was actually at his
- 18 feet?
- 19 A. At his feet
- 20 Q. Okay. And that was the larger
- 21 opening?
- 22 A. Best I can remember.
- 23 Q. Did you ever go to the other
- 24 side?
- 25 A. Yes.

- 1 Q. So you went to the --- was
- 2 able to see his feet first. And what
- 3 | did you do there?
- 4 A. I reached my hand in to feel
- 5 his body. He had a pulse.
- 6 Q. And where did you make that
- 7 examination that he had a pulse,
- 8 determine ---?
- 9 A. Behind his medial malleolus.
- 10 It's just an area you can feel a
- 11 pulse.
- 12 Q. And for the record, ---.
- 13 A. Posterior tibial fossa.
- 14 Q. Is that around the knee area?
- 15 A. It's at the ankle.
- 16 | Q. At the ankle?
- 17 A. Yes, sir.
- 18 Q. Okay. So you took his pulse
- 19 | at his ankle?
- 20 A. Very quickly. I felt a pulse.
- 21 Q. Did he have boots on?
- 22 A. I did not see boots, no.
- 23 Q. So you took his pulse at his
- 24 ankle?
- 25 A. Uh-huh (yes).

1 Q. And just describe that, if you

- 2 would, please.
- 3 A. I reached in --- the other
- 4 individuals in there, it was tight.
- 5 And I just reached in to do --- to
- 6 assess two things. First of all,
- 7 that he had a pulse and his body
- 8 temperature. And he was cold and he
- 9 | had a pulse. I did not sit there and
- 10 | count his pulse. It was just beat,
- 11 beat, he's got one. Looked up in the
- 12 car and the --- go on?
- 13 | Q. Well, did you have a
- 14 | conversation with anyone about that
- 15 | at all?
- 16 A. No.
- 17 Q. Did anyone say anything to
- 18 you?
- 19 A. No. I looked up then and the
- 20 | individual who was giving him oxygen
- 21 | or giving him a mask, I said, is that
- 22 oxygen.
- Q. And he was further inby the
- 24 bus?
- 25 | A. Yeah. He was up towards

- 1 Randal's head.
- Q. Okay.
- 3 A. And he didn't hear what I
- 4 said. So that's when I pulled out
- 5 | and went around to his side and I
- 6 looked in. I couldn't get in ---.
- 7 Q. Was that through a smaller
- 8 hole or smaller opening?
- 9 A. It seemed like a cage.
- 10 Q. Okay. But I mean, was it on
- 11 --- do you recall whether that was at
- 12 the front of the bus?
- 13 A. It was on the front.
- 14 Q. On the front?
- 15 A. Yeah.
- 16 Q. Looking in through a cage-like
- 17 | thing?
- 18 A. I was actually --- when I was
- 19 | talking to him, I was actually on the
- 20 side.
- 21 Q. So you went around to the
- 22 side?
- 23 A. Yeah. I went from one side
- 24 around the front to the other side.
- 25 Q. Okay. And so then what

- 1 | conversation did you have?
- 2 A. I asked him if that was
- 3 oxygen. And he said, yes. And I
- 4 said, is it forced into his lungs?
- 5 Because he was working --- he had
- 6 | much difficulty breathing. He was
- 7 using accessory muscles to breathe.
- 8 Q. When you say accessory muscles
- 9 ---?
- 10 A. Neck muscles, chest muscles,
- 11 straining to breathe. Normally,
- 12 | breathing, you just --- chest rises
- 13 and falls. But with him, he was ---
- 14 he was gasping for air.
- 15 | Q. Did you actually see his chest
- 16 rising?
- 17 A. Yes, I could. And I asked if
- 18 | he could force oxygen into his lungs.
- 19 And he said he could put it on
- 20 demand. So apparently that's what
- 21 | --- when I asked this, that's what
- 22 demand meant, so he switched it at
- 23 that time.
- 24 Q. Did you physically see him
- 25 | switching it or just ---?

1 A. Yeah. He turned to it and did

- 2 something.
- 3 Q. Something, okay.
- 4 A. And in my head, I mean, I
- 5 | didn't say that, but we were close to
- 6 the surface at that time. I did not
- 7 ask if anyone was still alive beyond
- 8 that. I assumed that there were. So
- 9 I only have so many rescuers and so
- 10 | much people to rescue, help with
- 11 those people.
- 12 Q. Yes.
- 13 A. We were very close to the
- 14 | surface. And we had a number of
- 15 | individuals up on the surface that
- 16 | could take care of Randal, so I just
- 17 | tapped the bus and said, you need to
- 18 | get out of here to the surface now.
- 19 Q. Okay. And was there anyone in
- 20 | the bus that you had a conversation
- 21 | with in addition to what you've just
- 22 described about the oxygen?
- 23 A. No. What I said about the
- 24 oxygen was the extent of my verbal
- 25 | conversation with anything other

1 than, you need to go, get him to the

- 2 surface.
- 3 Q. Did anyone else in the bus say
- 4 that we need to get him to the
- 5 | surface or anything?
- 6 A. No.
- 7 Q. Okay. And was there anyone
- 8 | --- any other medical person or
- 9 anyone else get out of the bus that
- 10 | you were in to assist you at all, or
- 11 | were you the only one that got out of
- 12 | that particular bus?
- 13 A. Yes.
- 14 Q. You were the only one?
- 15 A. I was the only one.
- 16 Q. Okay.
- 17 | A. If I needed help, I would have
- 18 | called towards them. They would
- 19 stay. To be honest with you, they
- 20 | probably, at that point, didn't know
- 21 what I was doing because they
- 22 | couldn't see.
- Q. When you say they?
- 24 A. My other team members, because
- 25 | they were back --- so they would have

- 1 saw the buses stop and may have
- 2 assumed we were just carrying on a
- 3 conversation.
- 4 Q. And at that point there, you
- 5 were still under the impression that
- 6 there were other miners further in
- 7 | the mine that were alive?
- 8 A. Yes.
- 9 Q. And you were the one that made
- 10 | the decision to transport the person
- 11 | while they were on their way out?
- 12 A. They were on ---.
- 13 Q. Yes.
- 14 A. Make the decision to keep
- 15 going, yes.
- 16 Q. Yes. And so at that point
- 17 | there then that particular --- Mr.
- 18 McCloy's bus had left?
- 19 A. There was conversation, move
- 20 the other buses out of the way, we
- 21 have a survivor. Those --- our two
- 22 | bus --- our buses moved forward, it
- 23 | switched out and went on up --- or
- 24 come out of the switch and continued
- 25 on out. And we got back on --- I got

1 back onto the car --- or the bus I

- 2 was on and we continued on.
- 3 Q. And when you say that there
- 4 was other conversation about moving
- 5 the bus out of the way, who was
- 6 | having that conversation?
- 7 A. The drivers of the bus.
- 8 Q. Of the buses?
- 9 A. Yeah.
- 10 Q. Okay. And then once that bus
- 11 left then --- and that was the extent
- 12 of the treatment or ---?
- 13 A. Yes.
- 14 Q. And you didn't see Mr. McCloy
- 15 | until you got on the surface again?
- 16 A. I did not see Mr. McCloy
- 17 | again, period.
- 18 Q. Oh, okay. So at that point
- 19 then, you were still under the
- 20 impression that there were other
- 21 | survivors. And once Mr. McCloy ---
- 22 | the bus that Mr. McCloy was on left,
- 23 | then what did you do?
- 24 A. Thought a lot.
- 25 Q. Okay.

1 A. And what I mean by that is

- 2 | that you're not sure was he the
- 3 sickest and what to be expecting down
- 4 | there, or am I going to find 11 other
- 5 | individuals just like him and running
- 6 through my mind, do we have enough
- 7 oxygen, do we have enough equipment
- 8 to do this.
- 9 Q. So after your thought process,
- 10 ---
- 11 A. Yes.
- 12 Q. --- then what did you think?
- 13 A. We were ready.
- 14 Q. And then you got on the bus
- 15 and continued in?
- 16 A. That was --- we were on the
- 17 bus. And when we were traveling in,
- 18 | that's when I was taking stock of my
- 19 | equipment and what I had.
- 20 Q. So then you were --- once the
- 21 bus --- Mr. McCloy's bus left, then
- 22 | you got back on. And did you have
- 23 any conversation with anyone else at
- 24 | that time?
- 25 A. I don't believe so.

1 Q. And then you continued into

- 2 the mine?
- 3 A. Correct.
- 4 Q. Okay. And at what point did
- 5 | you stop or did you --- when did you
- 6 have the next stop of the bus?
- 7 A. When we came upon the two
- 8 buses coming out of the remaining
- 9 rescue workers that were underground.
- 10 Q. And kind of tell me about that
- 11 a little bit.
- 12 A. How far we were, I'm not sure.
- 13 We had went past a certain point. I
- 14 asked the driver how far we were, and
- 15 he said we're over a mile now. And
- 16 then we saw lights coming toward us,
- 17 and we started slowing down. And as
- 18 | we came up close enough to stop, we
- 19 | stopped and the rescue workers in my
- 20 bus got off. I got off and joined
- 21 | them in walking forward. In my mind,
- 22 | I assumed that they had the rest of
- 23 the individuals. We basically passed
- 24 | the --- the bus that came towards us
- 25 was a train-type engine and then a

- 1 | flat bed behind that, like apparatus,
- 2 and we passed the train --- the motor
- 3 portion of that ---
- 4 Q. Yes.
- $5 \mid A$. --- and headed --- because we
- 6 thought they would be on that flat
- 7 bed because there was areas you could
- 8 | see humps, and it's dark and ---.
- 9 Q. Yes, I understand.
- 10 A. And when some of the other
- 11 rescuers came forward and noticed
- 12 that there was no one there, they
- 13 | said, where are they at? And the
- 14 driver of that engine said, where's
- 15 | who at? And he says, the other
- 16 | miners. And he said, there are no
- 17 | other miners. And that's when we ---
- 18 when he goes, what do you mean,
- 19 | that's when we found out that no one
- 20 else had survived.
- 21 | Q. Do you know who it was that
- 22 | they were talking to?
- 23 A. The driver of that engine. I
- 24 | don't know his name.
- 25 Q. And do you know what mine

1 rescue team that was that was going

- 2 in, as you called them rescuers?
- 3 A. I do not. I do know the
- 4 | individual that I sat closest to and
- 5 | had the most conversation was from
- 6 Ohio. He was from Ohio.
- 7 Q. But you don't know who that
- 8 was?
- 9 A. No.
- 10 Q. Okay.
- 11 A. He told me his name, but
- 12 I ---.
- 13 Q. Yeah, I understand. And so
- 14 | that's the point --- that's the ---
- 15 | at that point you realize that there
- 16 | was only one survivor?
- 17 A. Correct.
- 18 | Q. And what other conversation
- 19 did you have at that point with
- 20 anyone?
- 21 A. There was some conversation
- 22 | with the driver of --- again, me ---
- 23 not me, with the driver. And he was
- 24 | visibly upset because of the
- 25 miscommunication.

- 1 Q. Sure.
- 2 A. And then he said something
- 3 along the lines, we need to get out.
- 4 They told us to get out. And the
- 5 rescue worker, again, I don't
- 6 remember his name, from Ohio, I said,
- 7 I need to get back to the surface as
- 8 quick as possible to catch up with
- 9 McCloy, because I was the only
- 10 physician.
- 11 Q. Sure.
- 12 A. And we quickly mounted the
- 13 | buses and headed out.
- 14 Q. Was there any time that you
- 15 had voiced any objection to going out
- 16 of the mine or any conversation
- 17 | about, we need to get into the mine
- 18 | for others or anything?
- 19 A. No. My impression is that I
- 20 | was in a place I wasn't supposed to
- 21 be at, to be honest with you. And
- 22 | when you're told to leave, you leave.
- Q. Do you have any idea like how
- 24 | long you were in the mine at all?
- 25 A. No, sir.

1 Q. Do you have any idea what time

- 2 | you might have exited the mine?
- 3 A. I'm going to guess about 1:30
- 4 in the morning. That would be an
- 5 absolute guess.
- 6 Q. But once you learned that all
- 7 | the miners had perished, and then you
- 8 exited the mine, but you didn't have
- 9 --- there wasn't any other
- 10 conversation about we need to get
- 11 | into the mine to check the others or
- 12 | anything like that?
- 13 A. No.
- 14 Q. And what did you do after you
- 15 | exited the mine?
- 16 A. I got off the bus as quick as
- 17 | I could and walked swiftly up to the
- 18 | treatment tent. And when I got in
- 19 the tent, McCloy had --- they had
- 20 | left five minutes --- I could hear
- 21 | the radio report going in, so they
- 22 | had just left five minutes prior to
- 23 me getting there.
- 24 Q. Could you kind of explain to
- 25 us about what the effects of carbon

monoxide poisoning is and its 1 2. treatment? Kind of go over that a 3 little with us. Yes. Carbon monoxide poison 4 Α. 5 is a natural-occurring gas. 6 happens in the atmosphere. We have 7 levels of carbon monoxide in us all the time, because you can always test 8 9 someone and find some portions of it. 10 It's tasteless, odorless, so you 11 don't know it's there. As it. 12 gradually builds, you have effects, nausea, headache. 13 Then at 14 some point in time it gets to the 15 point to where your respirations aren't effective, because carbon 16 17 monoxide binds to your red blood 18 cells more higher, more affinity ---19 what we call affinity to your red 2.0 blood cells than pure oxygen does. 21 So when your red blood cells are 22 transporting oxygen, they're not 23 really transporting oxygen, they're 24 transporting carbon monoxide, which

cannot be used. And that cycle

stays. And it's a very hard bond to break between the carbon monoxide and the red blood cells.

1

2.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

The treatment is oxygen or fresh air, plenty of fresh air, getting out of the environment so you don't --- you're not adding more carbon monoxide into that. As far as medical treatment, other than just getting to fresh air, is high-flow oxygen. And what that does is when you're breathing pure oxygen, instead of taking in 21 percent oxygen, you're now taking in 100 percent. Ιt starts bumping off, getting rid of the carbon monoxide, and it flushes it out.

There are several ways to do that. High-flow oxygen would be the easiest way to do it, and that's what my plans were in the mine. You also can go to a hyperbaric chamber, which basically causes more atmosphere and pushes oxygen on. It's done very quickly. Where high-flow oxygen

1 | would work in a few hours, carbon

- 2 monoxide --- or a hyperbaric chamber
- 3 | would work in a few minutes. They do
- 4 hours' worth of treatment, but it's
- 5 | --- it's equivalent to hours' worth
- 6 of treatment.
- 7 Q. When you went underground, did
- 8 you have medical oxygen with you,
- 9 like oxygen tanks ---
- 10 A. Yes.
- 11 | Q. --- and so on?
- 12 A. Yes.
- 13 Q. Do you have any kind of
- 14 explanation or thoughts of why Mr.
- 15 McCloy was able to survive when the
- 16 others did not?
- 17 A. Without seeing where he was
- 18 and the layout of that, I mean ---
- 19 there are some schematics to where
- 20 you can be deeper or where --- maybe
- 21 | the carbon monoxide where he was
- 22 | wasn't as strong as it was to the
- 23 outside, you know, or wherever it
- 24 was. Without seeing that, I can't
- 25 | really make any comments concerning

- 1 those issues.
- 2 He is younger. That helps out
- 3 a lot. He's smaller, a small
- 4 | individual, so he doesn't have a high
- 5 oxygen consumption rate, meaning he
- 6 doesn't burn a lot of oxygen to
- 7 breathe, energy to breathe and things
- 8 like that. So his ventilations can
- 9 be more shallow and still sustain
- 10 life. That's one. If he was hurt,
- 11 for example, knocked unconscious
- 12 | prior to that, you don't breathe as
- deep or as much as you do if you're
- 14 | fully awake and nervous.
- 15 Q. Sure.
- 16 A. Those things would make a
- 17 difference.
- 18 Q. Okay. So actually if you had
- 19 some restriction or whatever that you
- 20 couldn't breathe as deep, that would
- 21 help you?
- 22 A. Yes. If you would know that
- 23 you're in a carbon monoxide setting
- 24 and just controlling --- just breathe
- 25 when you absolutely have to, then

- 1 | that would help --- that would
- 2 sustain that, as opposed to being ---
- 3 breathing a lot.
- 4 Q. So the deeper breaths you
- 5 take, obviously you take in more
- 6 carbon monoxide ---
- 7 A. More carbon monoxide, correct.
- 8 Q. --- and so on? So if there
- 9 was some restriction ---
- 10 A. Restriction.
- 11 Q. --- or some reason why he was
- 12 not able to breathe as deep, ---
- 13 A. Yes.
- 14 Q. --- that would have helped
- 15 him?
- 16 A. Yes.
- 17 \mid Q. If he was able to --- does
- 18 | warmth have anything to do --- if he
- 19 | was able to stay warm longer or
- 20 anything like that?
- 21 A. The warmer something is, the
- 22 more oxygen or gas is exchanged. So
- 23 | it would be more beneficial to be
- 24 cold.
- $\underline{\mathsf{MR.}} \quad \underline{\mathsf{SWENTOSKY}}:$

1 Mike, do you have

- 2 anything?
- BY MR. RUTLEDGE:
- 4 Q. That was your first trip in
- 5 | the coal mine?
- 6 A. Other than the Beckley
- 7 exposition, no.
- 8 Q. Do you want to go back?
- 9 A. Yeah.
- 10 Q. Would you give me a brief
- 11 | rundown of the equipment that you did
- 12 take in the mine, that your team
- 13 assembled and took in the mine? You
- 14 mentioned oxygen.
- 15 A. Oxygen containers. I believe
- 16 | we had six. But we had T valves, so
- 17 | we could give two at a time. We
- 18 | wouldn't need a whole lot of oxygen.
- 19 | The trip would be short out. We'd
- 20 only need 45 minutes to an hour worth
- 21 of time. Masks, the masks that we
- 22 | were using were called nonrebreather
- 23 mask. And what that delivers is ---
- 24 | it's supposed to deliver 100 percent
- 25 oxygen, but it's really about 98

```
percent. So when you expire, you
1
2.
     don't blow all the oxygen out.
3
     contains oxygen and pulls it back in.
     We had IV setups so we could
4
     administer fluids, and those fluids
5
6
     were warm.
                 We also had splinting
     devices and things like that.
                                     But
     those were all in a pre-contained
8
9
     container. And I didn't go into
10
     those. I just assumed that was a
11
     standard pack.
                     The thing that
12
     wanted to make sure was oxygen, IVs
     and warm fluid.
13
14
            And you had first mentioned
15
     that you came to the church and were
16
     seeing some folks there. And that's
17
     just an aspect of the whole thing
18
     that I had never realized or
19
     whatever. So that's interesting to
2.0
     hear that.
                 But how did you come to
21
     go from --- you mentioned you went
22
     from the church to the mine site in
23
     an ambulance, okay. And whose idea
24
     was this?
                Did somebody request this?
```

Or how did you come to go from the

1 church to the mine site in an

2 ambulance?

25

3 Α. We were in the church and we were waiting for some --- I mentioned 4 some other medications to come. 5 6 went --- my nurses and myself went to sit in an ambulance outside the church, was carrying on a 8 9 conversation. There was a plan to 10 switch the ambulances out. So the 11 ambulance I was on was going to 12 switch with another ambulance for 13 their duty stations. And in the 14 meantime, that's when that --- the 15 bell ranq. There was no way for my ambulance to make it into the mine 16 17 because people were everywhere. 18 exited that ambulance. The EMS quy 19 said, of course, go to the other 2.0 ambulance if you want to get in. So we did, and we walked down to that 21 22 other ambulance which was stuck, and 23 it turned around and was going into 24 the mine. Just tapped on the door,

they saw who I was, and we just

- 1 jumped on.
- 2 Q. So basically you went to the
- 3 | mine on your own initiative?
- 4 A. Yes. Yes.
- 5 | Q. And you mentioned some of the
- 6 symptoms of CO poisoning. Is that
- 7 | the correct term to call it CO
- 8 poisoning?
- 9 A. Yes.
- 10 Q. Some of the first symptoms
- 11 being nausea and headache, and then
- 12 later on the respirations being
- 13 | ineffective. Can you give us
- 14 percentages or amounts of carbon
- 15 | monoxide that brings on these
- 16 different symptoms?
- 17 | A. I would have to review that.
- 18 But off the top of my head, I believe
- 19 30 to 40 percent can give you really
- 20 bad headaches and nausea. Up to 70
- 21 | percent I believe is when
- 22 | respirations would stop and death.
- 23 | Below 20 percent can be found to be
- 24 | almost normal. Smokers can have like
- 25 | a 10 to 15 percent carbon monoxide

- 1 level in their body at all times.
- 2 Q. So 20 percent you would say is
- 3 normal or can be normal or a smoker?
- 4 A. Doesn't require treatment, ---
- 5 Q. Okay.
- 6 A. --- let's put it that way.
- 7 Q. Thirty (30) to 40 can cause
- 8 the nausea and headaches?
- 9 A. Yeah.
- 10 Q. And the respiration would
- 11 | become ineffective ---
- 12 A. Around 70.
- 13 Q. --- around 70?
- 14 A. Yeah. Again, that's just off
- 15 the top of my head. The numbers may
- 16 be a little different in some
- 17 textbooks, but ---.
- 18 Q. And just to try to be as clear
- 19 as possible, ---
- 20 A. Yes.
- $21 \mid Q$. --- now are we talking about
- 22 | 20 percent CO in the air or 20
- 23 | percent blood saturation or ---?
- 24 A. Blood saturation.
- 25 Q. Okay.

```
1 A. Remember I said that carbon
```

- 2 monoxide has a higher affinity than
- 3 oxygen does.
- 4 Q. Sticks to the red blood cells?
- 5 A. Right. So basically what
- 6 | would happen, if you have X amount
- 7 | --- let's say 20 percent in the air
- 8 that you're breathing, for example.
- 9 I mean, it may be higher. I don't
- 10 know. But as you bring in oxygen and
- 11 every time you bring in a carbon
- 12 monoxide, it sticks. The oxygen
- 13 comes off, but the carbon monoxide
- 14 stays. It would scavenge and pick it
- 15 up. So a longer term actually would
- 16 make it worse.
- 17 Q. But these percentages that you
- 18 | mention are percent of carbon
- 19 monoxide in the blood ---
- 20 A. In the blood.
- 21 Q. --- on your ---
- 22 A. It's a blood sample that's
- taken.
- 24 | Q. --- blood cells? And when you
- 25 | first --- excuse me, how long --- you

1 | said your trip in the mine derailed.

- 2 A. Yes.
- 3 Q. How long did it take to get
- 4 that trip back on the rails?
- 5 A. Estimating, 15 minutes.
- Q. And how did you see that being
- 7 done?
- 8 A. With jacks.
- 9 Q. One or more than one?
- 10 A. More than one jack.
- 11 Q. And when you met the other
- 12 trip coming out that had Mr. McCloy
- on it, you took a pulse at the ankle?
- 14 A. Uh-huh (yes).
- 15 Q. And you don't know or don't
- 16 recall him having boots on or not
- 17 | having boots on?
- 18 A. I don't remember seeing boots.
- 19 And thinking about that question now,
- 20 | I don't think I could have got to his
- 21 ankle. With the boots that I had on
- 22 | I couldn't get to his ankle. And I
- 23 | saw his ankles, so I don't think he
- 24 had boots on.
- 25 Q. Okay. And you assessed pulse

1 at the ankle, which you did feel a

- 2 | couple of beats or whatever?
- 3 A. Yes.
- 4 Q. You said you touched him to
- 5 | feel body temperature or ---?
- 6 A. Yes.
- 7 Q. Okay.
- 8 A. Again, just a feel. It's not
- 9 that reliable. It is an extremity.
- 10 It could be colder than the rest of
- 11 the body and still have a normal
- 12 temperature.
- 13 Q. And the reaction that you got,
- 14 that he was cold?
- 15 A. He was cold?
- 16 Q. Cold?
- 17 A. Yes.
- 18 Q. And then you asked the other
- 19 | man that was in there with him about
- 20 | the oxygen that he was giving?
- 21 A. Yes. The oxygen he was
- 22 | delivering --- the breathing was in a
- 23 black big box, like a backpack-like
- 24 apparatus.
- 25 Q. Right.

MR. RUTLEDGE:

2 I'll have a little bit

more in just a few minutes,

4 but that's all for now.

Thanks.

BY MR. SWENTOSKY:

- 7 Q. And speaking about carbon
- 8 | monoxide poisoning, ---
- 9 A. Yes.

1

- 10 Q. --- as a person, that onset
- 11 comes further and further, let's say,
- 12 until death?
- 13 A. Yes.
- 14 Q. Would that cause a person to
- 15 | throw up blood or blood come from the
- 16 mouth?
- 17 | A. You --- would it directly
- 18 | cause that? No. However, you become
- 19 sick and nauseated. You can throw
- 20 up. If you throw up enough, yes. If
- 21 | you're just sick and threw up and
- 22 | threw up, you could actually cause
- 23 | little tears in your esophagus and
- 24 actually throw up blood, yeah. Now,
- 25 | did the carbon monoxide cause it?

- 1 No. But it causes you to be sick,
- 2 and the rest ---.
- 3 Q. And then that ---
- 4 A. Yeah.
- Q. --- causes that?
- 6 A. Right.
- 7 | Q. It can be like a frothiness
- 8 blood?
- 9 A. Absolutely. Yeah. It is
- 10 | plausible, I should say.
- 11 MR. SWENTOSKY:
- 12 Let's go off the
- record.
- 14 OFF RECORD DISCUSSION
- 15 BY MR. SWENTOSKY:
- 16 Q. Did you ever treat Mr. McCloy
- 17 | in the hospital at all?
- 18 A. No. No.
- 19 Q. You never saw Mr. McCloy after
- 20 ---
- 21 A. That incident.
- 22 | O. --- that incident? Okay.
- 23 Going back to the carbon monoxide
- 24 poisoning. That kept getting worse
- 25 | for those individuals. Can that

1 | cause a person to become incoherent?

- 2 A. Yes.
- 3 Q. And a person may start doing
- 4 something that you normally would not
- 5 do?
- 6 A. Correct. It would be
- 7 | equivalent --- when you talk about
- 8 carbon monoxide poisoning, you're
- 9 really talking, as far as the body
- 10 goes, hypoxia, lack of oxygen. So
- 11 | just like a pilot, if they got too
- 12 high, they can see things and
- 13 | hallucinate and not act themselves.
- 14 The same situation.
- MR. SWENTOSKY:
- 16 Mike?
- 17 BY MR. RUTLEDGE:
- 18 Q. And the only treatment, you
- 19 | said, for the CO poisoning is either
- 20 | pure oxygen with a mask or whatever
- 21 or the hyperbaric chamber?
- 22 A. Yes.
- 23 Q. And all that does is just
- 24 | infuse more oxygen into the tissue
- 25 | quicker?

1 A. Correct, at a higher

- 2 atmospheric pressure.
- 3 Q. Okay. Have you made
- 4 statements to any other groups,
- 5 agencies or anybody, public
- 6 statements, press, anybody?
- 7 A. I've had several interviews,
- 8 yes, sir.
- 9 Q. Can you tell us who those were
- 10 with?
- 11 A. There were several. CNN,
- 12 | Sanjay Gupta did that. Rita Crosby
- 13 from MSNBC, I believe. There was a
- 14 | radio station. I don't remember who
- 15 | that was. I also talked to ABC World
- 16 | News Tonight, I believe.
- 17 Q. Okay. And can you kind of
- 18 | summarize what their interests were
- 19 or what information that you gave
- 20 them?
- 21 A. CNN had the most in-depth
- 22 questions. They asked many of the
- 23 same things that you all have. That
- 24 | was an interview probably about two
- 25 | hours long, taped. Rita Crosby asked

1 questions concerning the treatment of

- 2 | the individual who was treated in our
- 3 emergency department. I did not
- 4 treat that individual, so I couldn't
- 5 answer her questions.
- 6 Q. Mr. McCloy?
- 7 A. No, one of the miners that was
- 8 on the ---.
- 9 Q. Okay.
- 10 A. I'm sorry. And then she asked
- 11 questions about carbon monoxide
- 12 poisoning. ABC World News Tonight
- 13 | just asked about my entrance into the
- 14 | mine and out. And then the radio
- 15 | station talked about carbon monoxide
- 16 poisoning and its treatments.
- 17 Q. During those interviews, did
- 18 you give any statements as to maybe
- 19 McCloy's condition or other things
- 20 that maybe should have been done or
- 21 | --- I didn't see, I've not heard ---.
- 22 A. Yes. Most of it as his
- 23 | condition, yes, and what I had done
- 24 here. There was one thing that
- 25 | Sanjay Gupta asked me and things were

1 chopped out of concerning who can

- 2 pronounce who dead, where and why and
- 3 how much. And I said that normally
- 4 | it would be a physician or a
- 5 paramedic to do that. But in a mine
- 6 situation, I don't know.
- 7 Underground, in adverse conditions
- 8 --- that last little comment was cut.
- 9 So it was perceived --- and I had
- 10 some friends that were upset about
- 11 | that. And again, that's not what I
- 12 | said, but that's what came across as
- 13 I was trying to say that a doctor or
- 14 | --- a physician or a paramedic should
- 15 pronounce someone dead in the mine.
- 16 | That's not what I said.
- 17 | Q. So in your opinion, ---
- 18 A. Yes.
- 19 Q. --- you said that you had two
- 20 nurses and two paramedics ---?
- 21 A. A physician, myself, two
- 22 | nurses, a paramedic and two EMTs.
- 23 Q. And two EMTs?
- 24 A. Yes.
- Q. And in an imaginary situation,

- 1 | if you had gotten to the section
- 2 where these fellows were at and one
- 3 of these EMTs said to you, I checked
- 4 person A over here, and he's gone,
- 5 | would you accept that?
- 6 A. Yes.
- 7 Q. That would be a real good
- 8 | indication that ---?
- 9 A. Indication, yeah.
- 10 Q. So you would have confidence
- 11 | that a practicing or a working EMT
- 12 | would be able to tell the difference
- 13 between someone who was alive and
- 14 dead?
- 15 A. In that situation, yes.
- MR. RUTLEDGE:
- 17 | That's all I have.
- 18 ATTORNEY WILSON:
- 19 I just have one quick
- question.
- 21 BY ATTORNEY WILSON:
- 22 Q. And one of the reasons we're
- 23 here, we want to learn.
- 24 A. Yes.
- Q. And we pray something like

```
1
     this never happens again. But if it
2.
     does, we want to learn from what we
3
     did here. Is there anything that you
     could add or any recommendations that
4
     you would have as to what the
5
6
     agencies did that you think could
     have been done differently so that
                                          in
     the future we can learn from that?
8
9
            That question has actually
10
     entered my mind a lot. I mean, I had
     --- I had feelings that night that
11
12
     this --- we could have done something
13
     better, you know, I could have got in
14
     there sooner or we could have done
15
     something a little different.
     Sitting back then, I --- it's a
16
17
     dangerous situation. And being in
18
     the Army, we don't put docs right up
19
     on the front lines, we have medics,
20
     we have EMTs, and we pull people back
21
     so we're not getting shot at, so can
22
     take care of greater good. I think
23
     the same way, that's the way the mine
24
     was working. You put rescue
25
     personnel to get in who have some
```

```
1
     training that can get people out of a
2.
     dangerous situation and bring them
3
     back to aid stations, per se.
     don't know it would be worth training
4
5
     a physician or nurses or paramedics
6
     to be rescuers. You're putting a lot
     of training into someone that
     basically doesn't have to be that far
8
               What I mean by forward is
9
     forward.
10
     in the mine. Because when you have a
11
     --- I was thinking, you got blast
     injuries, you got burns, you know,
12
                                          s o
13
     --- crush injuries and then
14
     asphyxiations, oxygen and --- basic
15
     EMTs can take care of all that
              It's just getting them back,
16
     really.
17
     and then the more supportive care
18
     happens. There would be incidences
19
     that someone could be crushed and a
20
     leg could be caught and you'd have to
21
     do something, have medical expertise
22
     to extract him, you know, out of
23
     that, but those are rare, you know.
24
     And compared to the whole globe
25
     thing, it would be, you know, better.
```

1 | I mean, yeah, I was like, boy, I

- 2 | could throw on this apparatus and
- 3 | just go in there and do this, but
- 4 | then I don't think it's worth it, to
- 5 tell you the truth, as far as
- 6 training and stuff.
- 7 ATTORNEY WILSON:
- 8 Thank you.
- 9 BY MR. RUTLEDGE:
- 10 Q. That's a very good analogy, by
- 11 | the way. I like that way of looking
- 12 at it. I just need to revisit one
- 13 other thing.
- 14 A. Yes.
- 15 Q. Is that when you learned that
- 16 | miners had been found and been found
- 17 | alive, now you mentioned you heard
- 18 the church bells ring. Is that what
- 19 you meant when you said that the
- 20 bells rang?
- 21 A. When the bells --- we were in
- 22 | the ambulance. The bell was ringing.
- 23 | We pop out and go, what's going on?
- 24 And then there were people running
- 25 | around, they're alive, they're alive,

1 they were found. And then there was

- 2 | some radio contact, and then that's
- 3 when we moved to the other ambulance.
- 4 Q. The EMS radio?
- 5 A. Yes.
- 6 Q. So basically you're in the
- 7 | ambulance, someplace warm and dry,
- 8 ---
- 9 A. Yes.
- 10 Q. --- have a seat and have a
- 11 conversation with these people, you
- 12 hear the bell ringing, okay, and
- 13 somebody says, what does that mean,
- 14 and ---
- 15 A. What's going on, right.
- 16 Q. --- somebody passing by, you
- 17 know, says they were found?
- 18 A. Yeah.
- 19 ATTORNEY RUTLEDGE:
- 20 Appreciate it. Thank
- 21 you.
- MR. SWENTOSKY:
- 23 Is there anything else
- 24 that you would like to provide
- us with that you think may be

77 relevant or if there's any 1 2. kind of statement that you'd 3 like to make? The only statement I 4 5 considering was the last question 6 about how would you set up for And medical care in that situation. I've already answered that, I believe. 9 10 MR. SWENTOSKY: 11 Do you have anything? 12 MR. RUTLEDGE: 13 No, thanks. 14 MR. SWENTOSKY: 15 On behalf of MSHA, would like to thank you for 16 17 appearing and answering 18 questions today. Your 19 cooperation is very important 2.0 to the investigation as we work to determine the cause of 21 22 the accident. We ask that you 23 not discuss your testimony 24 with any person who may have 25 already been interviewed or

may be interviewed in the future. This will ensure that we obtain everyone's independent recollection of the events surrounding the

After questioning other witnesses, we may call you if questions that we feel that we need to ask you. If at any time you have additional information regarding the accident that you would like please contact us at the information that was previously provided to you. If you wish, you may now go back over any answer that you have given during the interview or you may make a brief statement if you would like to make at this time.

1

2.

3